

Cotton, Corn, Soybeans, Sorghum, and Wheat

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2017 Soybean Variety Yields and Production Practices

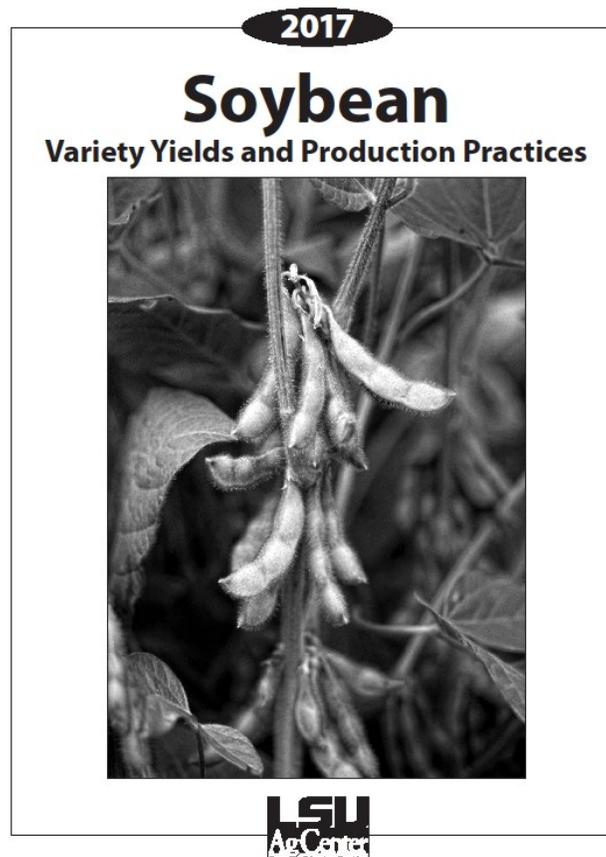
Each year the LSU AgCenter tests commercial soybean varieties that are entered in yield tests by private seed companies. This publication provides information about results of those tests at various locations across the state. For best results using this guide, refer to the tables for variety yield results and pick the location fitting your situation – or if your farm does not fit any location, choose varieties that performed well at multiple locations.

<http://www.lsuagcenter.com/profiles/aiverson/articles/page1482162538728>



Contributors

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Dr. Randy Price
Dr. Stacia Davis
Dr. Ernest Girouard





The 61st annual Tri-State Soybean Forum

January 6, 2017 at the Dumas Community Center in Dumas, Arkansas

For additional information contact Chuck Capps at 870-222-3972 or email ccapps@uaex.edu, or Bob Stark at 870-460-1414 or email stark@uamont.edu.

Presentations from Louisiana, Mississippi, and Arkansas specialists will include a herbicide status update, market outlook on farm profitability & land rates, summary of USB and Mid-South Soybean Board projects, overview of current pest management issues, and other topics.



The University of Arkansas System Division of Agriculture is an equal opportunity/equal access/affirmative action institution. If you require a reasonable accommodation to participate or need materials in another format, please contact your County Extension office (or other appropriate office) as soon as possible. Dial 711 for Arkansas Relay.



For Immediate Release



American Soybean
Association

If you believe, belong.

2017 ASA DuPont Young Leaders

Hone Communication, Management Skills at First Phase of Training



ST. LOUIS, MO. (Dec. 12, 2016) – The 33rd class of American Soybean Association (ASA) DuPont Young Leaders recently began their leadership journey at DuPont Pioneer headquarters in Johnston, Iowa.

The Johnston training session was the first phase of a program designed to identify new and aspiring leaders and provide them with opportunities to enhance their skills and network with other growers. Representatives from 23 states and Canada participated in the training.

“The Young Leaders program provides training in key areas, including communication and leadership, while growing their peer network. This strengthens our industry and allows us to work collaboratively in our local, state and national organizations,” said ASA Chairman Richard Wilkins (DE). “The Young Leaders program continues to have an enormous impact on not only the soybean industry but all of agriculture. The class of 2017 is exceptional; they are engaged, talented and passionate about agriculture. We are grateful to DuPont Pioneer and DuPont Crop Protection for making this program possible.”

The 2017 Class of Young Leaders are: Cade Grace, AL; Layne and Ryane Miles, AR; Brock Willard, IL; Jonathan and Derika Lynam-Spaetti, IN; Alex Brownlee, IA; Casey Schlichting, IA; Brandon and Blair Geiger, KS; Brett Neibling, KS; Kyle Bugg, KY; Mike and Lindsey Gaspard, LA; Angela and June Provost, LA; Andrew Crawford, MI; Matt and Jessica Swoish, MI; Trevore Brekken, MN; Chad and Monica McCollough, MO; Blake Hokamp, NE; Leslie Hamilton and Dan Stein, NY; Greg Manning and Jessica Harris, NC; Kasey Bitz, ND; Trish Levering, OH; Jean Lam, OK; Jeff and Janie Harrison, Canada; Justin and Jessica Rivers, SC.; Nick and Shelly Lorang, SD.; Rob Holman, TN; Doug Singleteary, TN; Grayson Kirby and Cindy Dykes, VA; Wes and Amanda Marshall, VA; and Tony and Katie Mellenthin, WI.

“It was a privilege to meet this year’s enthusiastic class of DuPont Young Leaders, who will take on the challenges and opportunities that face American agriculture,” said Steve Reno, vice president, regional business director - U.S. & Canada. “We look forward to watching them develop their leadership skills throughout the program.”



Louisiana Master Farmer Program

2017 Master Farmer University will be held January 24, 2017 at the Red River Research Station in Bossier City, LA. The event will offer producers and landowners the opportunity to receive both Phase I and II credit, as well as Continuing Education Credits (CECs) for those already certified. Plans are for the classroom education to begin around 8:30 am, followed by a field day on the station after lunch. Registration will be \$30 and includes lunch. A website will be available for registration in early December.

For more information, contact: James Hendrix, LSU AgCenter, La. Master Farmer Program 318-766-3320; Ernest Girouard, Coordinator, (337) 852-3986; Allen Hogan, Office: (337) 788-7547; or Donna Morgan, Office: 318-473-6521

Winterization and Nozzle Tip Selection to Prevent Drift

By Dr. Randy Price

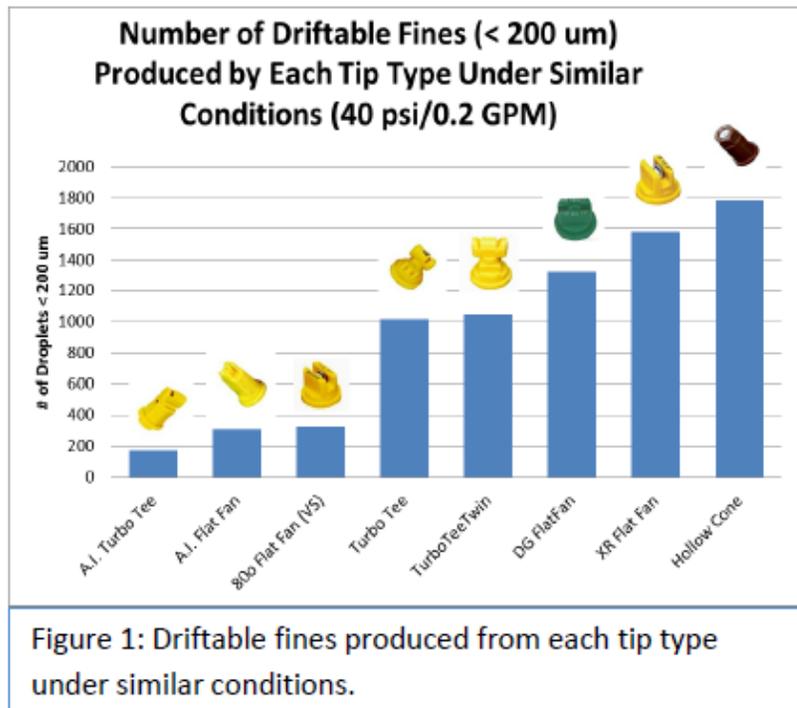
LSU AgCenter

Winter is approaching and most people should be thinking about winterizing sprayers in Louisiana. Although winter weather is very short in Louisiana this time of year (typically only several days of cold below 32 degrees), January and February can bring cold spells up to one week or more. During these cold spells, significant damage can occur to sprayers parked in outside or in unheated barns. For this reason, sprayers should be winterized by draining all freezable liquids from tanks, lines, and filters. Follow manufacturer's recommendations. Most problems seem to occur in the spring with cracked filter cases and plastic fittings, but pumps are at risk too in prolonged cold weather. Cleaning of tank buildup can be aided by using rising with a 1% volume/volume mixture of household ammonia and water and then draining.

Winter is also a good time to start thinking about the nozzle tips you may want to use next year. Currently, drift is a big concern in agricultural spraying and Dicamba tolerant crops will only heighten this concern (note that when using this chemical, most operators will be forced to use a tip listed on the chemical label). Still, operators may

also want to use drift retardant tips for other chemical applications. The LSU AgCenter has been performing research to determine which spray tips produce the least amount of driftable fines (driftable fines are defined as the droplets less than 200 um in diameter that become easily air born and travel large distance from the sprayer). In a test involving all main nozzle types – A.I. (Air Induction) Turbo Tees, A.I. Flat Fans, 80 degree Flat Fan, Turbo Tee, Turbo Tee Twin, DG (Drift Guard) Flat Fans, Hollow Cones, and XR Flat Fans - air induction nozzles (specially Turbo Tees) consistently scored better at

producing the least amount of driftable fines than all other nozzles types. A.I. Flat fans were second best. XR flat fans and hollow cones consistently scored the highest at producing the most driftable fines and all other nozzles types fell in-between this range and changed position depending additives, environmental conditions, and day of testing. Operators concerned with drift in a particular area should use A.I. type nozzles to help prevent driftable fines and possible damage to adjacent crops. XR flat fan and hollow cones may still be used in cases where drift is of less concern - such as in insecticide or fungicide applications where more uniform contact coverage is necessary for effectiveness - however,



be aware that XR flat fan and hollow cones output a significantly larger number of driftable fines than other nozzles types. Some tests have shown that XR flat fans can output 700% more driftable fines than an A.I. Turbo Tee tip. Questions about nozzle selection and design can be sent to: Dr. Randy Price, LSU AgCenter, Dean Lee Research and Extension Center, Alexandria, LA., email: rprice@agcenter.lsu.edu



► TUESDAY

Monday, January 30, 2017

3:00 p.m. - 5:00 p.m. Registration
 6:00 p.m. - 8:00 p.m. Speakers Banquet
Sponsored by: Cotton Incorporated

TUESDAY, JANUARY 31, 2017

7:00 a.m. Conference Registration

7:00 a.m.-8:30 a.m. Continental Breakfast
 (Exhibitor Ballroom) Sponsored by: BASF Corporation
 Coffee & Juice Pastries

7:30 a.m.-5:30 p.m. **Exhibits Open**

9:05 - 10:05 a.m. OPENING GENERAL SESSION
Conf. Moderator: Dr. Tommy Valco, USDA-ARS
 Cotton Technology Transfer & Educ. Center, Stoneville

Speaker: John LaRose,
 President/Publisher, MidAmerica Farm Publications

Speaker: Bernie Jordan,
 Secretary, Cotton Incorporated/Board of Directors
 Cotton Producer

Speaker: Dwight Roberts,
 President, CEO - US Rice Producers Association

Speaker: Dr. L. Jason Krutz,
 Assoc. Ext./Research Professor, Mississippi State Univ.

10:15 - 11:01 a.m. Breakout Session 1

11:10 - 11:56 a.m. Breakout Session 2

Noon - 1:20 p.m. AWARDS LUNCHEON
 Sponsored by: BASF Corporation
 Awards Presentation
Speaker: Gov. John Bel Edwards, *INVITED*
 56th Governor of Louisiana

1:30 - 5:30 p.m. **Exhibits Open**
 1:30 - 2:16 p.m. Breakout Session 3
 2:25 - 3:11 p.m. Breakout Session 4

3:10 - 3:50 p.m. BREAK: Water, tea, soda
 and snacks in Exhibit Hall

3:55 - 4:41 p.m. Breakout Session 5
 4:50 - 5:36 p.m. Breakout Session 6

Social Reception

Sponsored by:
 US RICE PRODUCERS ASSOCIATION

5:35- 7:30 p.m. Ballroom Room 11

LIVE ENTERTAINMENT BY

MITCH LANDRY & CAJUN TRIO

ATTENDANCE PRIZES

BEVERAGES HORS D'OEUVRES
 Beer, Wine, and Soda Hot and Cold



2nd Annual Northwest Regional Irrigation Conference

Sustainable Row Crop Irrigation Management Program

Extension agents, NRCS agents, trainers, consultants, producers, and interested persons:

Please Join Us For A Workshop!

Benefits include:

- In-person presentations by LSU AgCenter/NRCS/SU experts on agronomic, engineering, and economic best management practices in furrow irrigation of row crops
- Access to presentations for further review/use in your own programs
- Access to evaluation materials to gauge feedback from your audience
- Farmer panel
- Hotel expenses and free lunch!

Register on-line at <http://lsuagcenterwater.eventbrite.com>

Date	Tentative Location	City
Jan 17, 2017	Red River Research Station Conference Room	Bossier City
Jan 25, 2017	Scott Research/Extension & Education Center	Winnsboro
Feb 14, 2017	Avoyelle's Extension Office Conference Room	Marksville

All workshops are 1 full day.

LSU AgCenter, Louisiana NRCS, and Southern University will be conducting three repeated workshops on sustainable row crop irrigation in Louisiana. This year, we plan to release *two new tools* for improving irrigation efficiency from the perspectives of quantity and economic benefit. Based on last year's success, we will have another round of producer panels to provide the producers' prospective concerning agronomic irrigation. Researchers and specialists plan to provide updates of current research and extension activities. Please plan to attend and bring all of your questions!

Have questions? Contact lsuagcenterwater@gmail.com

LSU AgCenter Launches Crop Specific Text Message Groups

In an effort to better reach crop specific clientele, the LSU AgCenter has formed several crop specific text message groups. The intent of the text message groups is to provide timely information to growers, crop consultants, land owners, extension, research, and other related industry personnel. Text messages will be sent out as reminders for meetings, updates about product registrations, notifications of new publications and newsletters, updates of disease and pest outbreaks (somewhat as an early warning system), as well as other important information as it arises during the growing season.

It was pointed out that it would be important that text messages go out from the AgCenter and that recipient would not have the capability to text back to the whole group because this could cause endless text messages going back and forth. Another key was that all personal information should be kept private. The program that we have decided to manage the text message groups with is called Remind. This program is often used by school teachers to text-message students and parents and does not allow texts to be sent back to the group. All phone numbers from the different members of the group is kept confidential and is not shared with others within the group.

A Remind computer and smart phone application is also available if you would like to download it. The app allows you to receive the texts in the app in addition to the regular text message feature. This is convenient, especially if you do not have text message capabilities. *In addition, if you opt in for the feature, you can instant message/chat with others in the group within the app. Again, all phone numbers and other information is kept confidential. Only your name is visible.*

If you would like to join the one of the commodity text groups, simply send a text message to **81010** with the name of **one** of the groups in the body of the message:

@larice @lasoybean @lacorn @lacotton @lasorghum @lawheat @lacropcon @laspotato @lasugar

Repeat process to join more than one text group

To unsubscribe to any group, simply text back “unsubscribe@larice” (or other group name) to the group. If you would like to get the text messages by email, send an email to larice@mail.remind.com (or other group name). If you would like to unsubscribe to the email messages, simply email back with “unsubscribe” in the subject line.

Commodity	Group text number	Group Text Name
Rice	81010	@larice
Corn	81010	@lacorn
Grain Sorghum	81010	@lasorghum
Soybeans	81010	@lasoybean
Wheat	81010	@lawheat
Louisiana Crop Consultants	81010	@lacropcon
Sweet Potato	81010	@laspotato
Sugarcane	81010	@lasugar

Upcoming Calendar of Events



January 6 **Tri-State Soybean Forum — Dumas
Community Center, Dumas Arkansas**

January 19 **Louisiana Soybean Association
Annual Meeting— Dean Lee Research Station and Extension Center**

January 24 **2017 Master Farmer University — Red River Research Station in Bossier
City, LA.**

Jan. 30 – Feb. 1 **20th Annual National Conservation Systems Cotton & Rice Conference,
Southern Corn & Soybean Conference, Southern Precision Ag Conference
and Delta States Irrigation Conference to be held at the Crowne Plaza in
Baton Rouge, LA.**



2nd Annual Northwest Regional Irrigation Conference

Sustainable Row Crop Irrigation Management Program

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- Access to presentations for further review/use in your own programs
- Access to evaluation materials to gauge feedback from your audience
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Have questions? Contact lsuagcenterwater@gmail.com

PARISH CONTACT INFORMATION

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Ascension	Al Orgeron	225-562-2320	aorgeron@agcenter.lsu.edu
Avoyelles	Justin Dufour	318-542-8045	jdufour@agcenter.lsu.edu
Beauregard	Keith Hawkins	337-463-7006	khawkins@agcenter.lsu.edu
Bossier	Ricky Kilpatrick	318-965-2326	rkilpatrick@agcenter.lsu.edu
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Caldwell	Jim McCann	318-649-2663	jmccann@agcenter.lsu.edu
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Pointe Coupee	Mark Carriere	225-638-5533 ext: 102	mcarriere@agcenter.lsu.edu
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Red River	Robert Berry	318-932-4342	rmberry@agcenter.lsu.edu
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West Feliciana	Andre' Brock	225-635-3614	abrock@agcenter.lsu.edu

Specialists

Specialty	Responsibilities	Name	Phone	Email
Soybean	Soybean	Ron Levy	318-542-8857 (cell)	rlevy@agcenter.lsu.edu
Cotton , Corn, Sorghum	Cotton, Corn, Sorghum	Dan Fromme	318-880-8079 (cell)	dfomme@agcenter.lsu.edu
Weeds	Corn, Grain Sorghum, Cotton. Soybeans	Daniel Stephenson	318-308-7225 (cell)	dstephenson@agcenter.lsu.edu
Asst. Integrated Pest Management, Northeast	Cotton, Corn, Soybean, Grain Sorghum	Sebe Brown	318-498-1283 (cell)	sbrown@agcenter.lsu.edu
Entomology	Cotton, Corn, Soybean, Grain Sorghum	David Kerns	318-439-4844 (cell)	dkerns@agcenter.lsu.edu
Entomology	Soybean, Corn, Grain Sorghum, Sugarcane	Beuzelin, Julien	337-501-7087 (cell)	JBeuzelin@agcenter.lsu.edu
Nematodes	All agronomic crops	Charlie Overstreet	225-578-2186	coverstreet@agcenter.lsu.edu
Pathology	Soybean, Corn, Grain Sorghum ,Cotton, Wheat	Trey Price	318-2359805(cell)	pprice@agcenter.lsu.edu
Pathology	Soybean, Corn, Grain Sorghum	Clayton Hollier	225-578-1464	chollier@agcenter.lsu.edu
Irrigation	Corn, Grain Sorghum, Cotton. Soybeans	Stacia Davis	904-891-1103	sdavis@agcenter.lsu.edu
Ag Economics and Agribusiness	Soybean, Cotton, and Feed Grain marketing	Kurt Guidry	225-578-3282	kmguidry@agcenter.lsu.edu
Fertility	All agronomic crops			
Wheat	Wheat	Boyd Padgett	318-614-4354 (cell)	bpadgett@agcenter.lsu.edu

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We're on the Web.

www.lsuagcenter.com/en/crops_livestock/crops

<http://louisianacrops.com>

Louisiana State University Agricultural Center, William B Richardson, LSU Vice President for Agriculture

Louisiana State University Agricultural Center

Louisiana Agricultural Experiment Station

Louisiana Cooperative Extension Service

LSU College of Agriculture